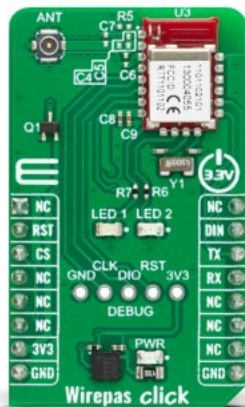


Wirepas Click



PID: MIKROE-5874

Wirepas Click is a compact add-on board that allows you to implement the Wirepas Mesh wireless connectivity stack to your application. This board features the WIRL-PRO2 Thetis-I (2611011021010), a radio module with Wirepas Mesh Protocol from Würth Elektronik. It supports creating a Wirepas routing mesh protocol and is optimized for ultra-low energy consumption. The large scalability is ideal for extensive IoT networks and can work as a host-controlled device. This Click board™ makes the perfect solution for developing long-life battery drive IoT networks, supply chains, asset tracking, smart lighting, smart metering, and more.

Wirepas Click is supported by a [mikroSDK](#) compliant library, which includes functions that simplify software development. This [Click board™](#) comes as a fully tested product, ready to be used on a system equipped with the [mikroBUS™](#) socket.

Mikroe produces entire development toolchains for all major microcontroller architectures.

Committed to excellency, we are dedicated to helping engineers bring the project development up to speed and achieve outstanding results.



ISO 27001: 2013 certification of informational security management system.
 ISO 14001: 2015 certification of environmental management system.
 OHSAS 18001: 2008 certification of occupational health and safety management system.



ISO 9001: 2015 certification of quality management system (QMS).

Specifications

Type	2.4 GHz Transceivers
Applications	Can be used for developing long-life battery drive IoT networks, supply chains, asset tracking, smart lighting, smart metering, and more
On-board modules	WIRL-PRO2 Thetis-I - radio module with Wirepas Mesh Protocol from Würth Elektronik
Key Features	Wirepas module, Wirepas routing mesh protocol optimized for ultra-low energy consumption, high scalability is ideal for large IoT networks, low-energy and low-latency modus, remote nodes' configuration, printed or external antenna, and more
Interface	UART
ClickID	Yes
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	3.3V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click boards™](#)

Downloads

[Wirepas click example on Libstock](#)

[WIRL-PRO2 datasheet](#)

[Wirepas click 2D and 3D files](#)

[Wirepas click schematic](#)

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